

CONFIGURABLE COMMUNICATIONS MODULES AND METHODS OF MAKING THE SAME

ABSTRACT

Configurable communications modules and methods of making the same
5 are described. In one aspect, a communications module includes a data channel
and a termination impedance controller. The data channel is operable to translate
data signals in at least one direction between a transmission cable interface and a
host device interface. The data channel has a variably configurable termination
impedance at a host device node that is connectable to a host device. The
10 termination impedance controller is operable to set the variably configurable
termination impedance of the data channel to match the termination impedance
to the host system.